

“ARTICULATING STONE BASKET”

620797

ABSTRACT OF THE DISCLOSURE

5           A medical retrieval device includes a handle and a  
hollow sheath extending forward from the handle. A slide is  
attached to the handle for longitudinal movement along a path  
between a rearward location and a forward location. A rotary  
10   actuator having an axis of rotation generally transverse to the  
path of movement of the slide is mounted to the slide for  
rotational movement with respect thereto. A basket having at  
least three legs is located at a forward end of the sheath. Two  
adjacent basket legs are connected to a first side of the rotary  
15   actuator, and the remaining basket legs are connected to the  
opposite side of the rotary actuator such that rotation of the  
rotary actuator displaces the two legs in a first direction with  
respect to the sheath and displaces the remainder of the legs in  
a direction opposite the first direction. The basket is retracted  
20   within a forward portion of the sheath when the slide is in the  
rearward location, and the basket is extended forward of the  
forward end of the sheath when the slide is in the forward  
location. Thus longitudinal movement of the slide extends and  
retracts the basket, and rotation of the rotary actuator  
articulates the basket.

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